

## EAST Search History

S58	4	S57 and (amplitude adj modulat\$7)	US-PGPUB; USPAT	OR	OFF	2006/08/28 10:07
S59	2395	((600/484) (600/529) (600/538) (600/301) (607/42) (607/62) (607/18) (607/20)).ccls.	US-PGPUB; USPAT	OR	OFF	2007/02/07 11:49
S60	176	S59 and apnea and (ecg ekg iegm)	US-PGPUB; USPAT	OR	OFF	2007/02/12 15:44
S61	2	S59 and apnea and (ecg ekg iegm) and "at rest"	US-PGPUB; USPAT	OR	OFF	2007/02/07 11:50
S62	0	("2005/0143785").URPN.	USPAT	OR	OFF	2007/02/07 11:50
S63	4	S59 and apnea and (ecg ekg iegm) and "evoked response"	US-PGPUB; USPAT	OR	OFF	2007/02/07 11:51
S64	0	("2005/0165457").URPN.	USPAT	OR	OFF	2007/02/07 11:51
S65	35	S59 and (central adj apnea) and (obstructive adj apnea) and (ecg ekg iegm)	US-PGPUB; USPAT	OR	OFF	2007/02/07 12:58
S66	0	(central adj apnea) and (obstructive adj apnea) and (ecg ekg iegm)	EPO; JPO	OR	OFF	2007/02/07 12:58
S67	2	apnea and (ecg ekg iegm)	EPO; JPO	OR	OFF	2007/02/07 12:58
S68	0	("2005/0020930").URPN.	USPAT	OR	OFF	2007/02/07 15:51
S69	2395	((600/484) (600/529) (600/538) (600/301) (607/42) (607/62) (607/18) (607/20)).ccls.	US-PGPUB; USPAT	OR	OFF	2007/02/07 15:52
S70	65	S69 and apnea and (ecg ekg iegm) and oscillat\$	US-PGPUB; USPAT	OR	OFF	2007/02/12 15:36
S71	2397	((600/484) (600/529) (600/538) (600/301) (607/42) (607/62) (607/18) (607/20)).ccls.	US-PGPUB; USPAT	OR	OFF	2007/02/12 15:36
S72	19	S71 and apnea and (ecg ekg iegm) and oscillat\$ and implant\$	US-PGPUB; USPAT	OR	OFF	2007/02/12 15:36
S73	2397	((600/484) (600/529) (600/538) (600/301) (607/42) (607/62) (607/18) (607/20)).ccls.	US-PGPUB; USPAT	OR	OFF	2007/02/12 15:45
S74	61	S73 and apnea and (ecg ekg iegm) and implant\$	US-PGPUB; USPAT	OR	OFF	2007/02/13 11:29

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	34	(central near apnea) and (obstructive near apnea) and (ecg ekg iegm) and implant\$	US-PGPUB	OR	OFF	2007/02/13 11:35
S1	44	(euljoon near park) (steve near koh)	US-PGPUB; USPAT	OR	OFF	2005/10/11 10:51
S2	3	((("5,146,918") or ("5,476,483") or ("5,974,340"))).PN.	USPAT; USOCR	OR	OFF	2005/10/11 11:00
S3	184	((607/18) or (607/20)).CCLS.	USPAT	OR	OFF	2007/02/07 11:47
S4	10	S3 and apnea	USPAT	OR	OFF	2005/10/11 12:05
S5	245	((607/42) or (607/62)).CCLS.	USPAT; USOCR	OR	OFF	2007/02/07 11:47
S6	236	((607/42) or (607/62)).CCLS.	USPAT	OR	OFF	2005/10/11 12:08
S7	49	S6 and apnea	USPAT	OR	OFF	2005/10/11 12:13
S8	333	(600/301).CCLS.	USPAT; USOCR	OR	OFF	2007/02/07 11:48
S9	325	(600/301).CCLS.	USPAT	OR	OFF	2005/10/11 12:15
S10	21	S9 and apnea	USPAT	OR	OFF	2005/10/11 12:17
S11	985	((600/484) or (600/529) or (600/538)).CCLS.	USPAT	OR	OFF	2007/02/07 11:48
S12	230	S11 and apnea	USPAT	OR	OFF	2005/10/11 12:17
S13	1	("6375623").PN.	USPAT; USOCR	OR	OFF	2005/10/11 13:40

## EAST Search History

S14	104	(US-20050055060-\$ or US-20040138716-\$ or US-20030153956-\$ or US-20030153955-\$ or US-20030153954-\$ or US-20030153953-\$).did. or (US-6937900-\$ or US-6928324-\$ or US-6904320-\$ or US-6881192-\$ or US-6466821-\$ or US-6351672-\$ or US-6128534-\$ or US-5974340-\$ or US-5476483-\$ or US-5146918-\$ or US-4576183-\$ or US-4596251-\$ or US-4694830-\$ or US-4702253-\$ or US-4721110-\$ or US-5197467-\$ or US-5355894-\$ or US-5413592-\$ or US-5417717-\$ or US-5792195-\$ or US-5824014-\$ or US-5836987-\$ or US-6038475-\$ or US-6064910-\$ or US-6731984-\$ or US-6741885-\$). did. or (US-6752765-\$ or US-6795732-\$ or US-6830548-\$ or US-4506666-\$ or US-4830008-\$ or US-5174287-\$ or US-5233983-\$ or US-5423327-\$ or US-5522862-\$ or US-5540732-\$ or US-5540733-\$ or US-5549655-\$ or US-5591216-\$ or US-5792067-\$ or US-6126611-\$ or US-6132384-\$ or US-6240316-\$ or US-6251126-\$ or US-6269269-\$ or US-6345202-\$ or US-6858006-\$ or US-6811538-\$ or US-6648820-\$ or US-6529752-\$ or US-5671733-\$ or US-4506678-\$ or US-4365636-\$). did. or (US-4414982-\$ or US-4422458-\$ or US-4440177-\$ or US-4475559-\$ or US-4576179-\$ or US-4580575-\$ or US-4595016-\$ or US-4657025-\$ or US-4765340-\$ or US-4777962-\$ or US-4982738-\$ or US-5133346-\$ or US-5199424-\$ or US-5271412-\$ or US-5311875-\$ or US-5335654-\$ or US-5490502-\$ or US-5535739-\$ or US-5605151-\$ or US-5704345-\$ or US-5797852-\$ or US-5803066-\$ or US-5891023-\$ or US-5961447-\$ or US-6062216-\$ or US-6138675-\$ or US-6142952-\$). did. or (US-6223064-\$ or US-6267730-\$ or US-6287264-\$ or US-6290654-\$ or US-6299581-\$ or US-6342039-\$ or US-6368287-\$ or US-6375623-\$ or US-6547743-\$ or US-6635021-\$ or US-6641542-\$ or US-6748252-\$ or US-6752766-\$ or US-6770037-\$ or US-6890306-\$ or US-6893405-\$ or US-6935335-\$ or US-6936011-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/10/11 13:56
2/13/2007 12:12:24 PM C:\Documents and Settings\dmlalamud\My Documents\EAST\Workspaces\sleepapnea.wsp						Page 2

## EAST Search History

S15	17	S14 and obstructive and rest	USPAT	OR	OFF	2005/10/11 15:50
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## EAST Search History

S16	104	(US-20050055060-\$ or US-20040138716-\$ or US-20030153956-\$ or US-20030153955-\$ or US-20030153954-\$ or US-20030153953-\$).did. or (US-6937900-\$ or US-6928324-\$ or US-6904320-\$ or US-6881192-\$ or US-6466821-\$ or US-6351672-\$ or US-6128534-\$ or US-5974340-\$ or US-5476483-\$ or US-5146918-\$ or US-4576183-\$ or US-4596251-\$ or US-4694830-\$ or US-4702253-\$ or US-4721110-\$ or US-5197467-\$ or US-5355894-\$ or US-5413592-\$ or US-5417717-\$ or US-5792195-\$ or US-5824014-\$ or US-5836987-\$ or US-6038475-\$ or US-6064910-\$ or US-6731984-\$ or US-6741885-\$). did. or (US-6752765-\$ or US-6795732-\$ or US-6830548-\$ or US-4506666-\$ or US-4830008-\$ or US-5174287-\$ or US-5233983-\$ or US-5423327-\$ or US-5522862-\$ or US-5540732-\$ or US-5540733-\$ or US-5549655-\$ or US-5591216-\$ or US-5792067-\$ or US-6126611-\$ or US-6132384-\$ or US-6240316-\$ or US-6251126-\$ or US-6269269-\$ or US-6345202-\$ or US-6858006-\$ or US-6811538-\$ or US-6648820-\$ or US-6529752-\$ or US-5671733-\$ or US-4506678-\$ or US-4365636-\$). did. or (US-4414982-\$ or US-4422458-\$ or US-4440177-\$ or US-4475559-\$ or US-4576179-\$ or US-4580575-\$ or US-4595016-\$ or US-4657025-\$ or US-4765340-\$ or US-4777962-\$ or US-4982738-\$ or US-5133346-\$ or US-5199424-\$ or US-5271412-\$ or US-5311875-\$ or US-5335654-\$ or US-5490502-\$ or US-5535739-\$ or US-5605151-\$ or US-5704345-\$ or US-5797852-\$ or US-5803066-\$ or US-5891023-\$ or US-5961447-\$ or US-6062216-\$ or US-6138675-\$ or US-6142952-\$). did. or (US-6223064-\$ or US-6267730-\$ or US-6287264-\$ or US-6290654-\$ or US-6299581-\$ or US-6342039-\$ or US-6368287-\$ or US-6375623-\$ or US-6547743-\$ or US-6635021-\$ or US-6641542-\$ or US-6748252-\$ or US-6752766-\$ or US-6770037-\$ or US-6890306-\$ or US-6893405-\$ or US-6935335-\$ or US-6936011-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/10/11 15:50
2/13/2007 12:12:24 PM C:\Documents and Settings\malamud\My Documents\EAST\Workspaces\sleepapnea.wsp						

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## EAST Search History

S17	0	S16 and amplitude near obstructive	USPAT	OR	OFF	2005/10/11 15:55
S18	5	S16 and amplitude near modulats\$4	USPAT	OR	OFF	2005/10/11 15:51
S19	0	S16 and modulats\$4 near obstructive	USPAT	OR	OFF	2005/10/11 16:00
S20	0	S16 and (electrogram or IEGM) near obstructive	USPAT	OR	OFF	2005/10/11 16:03
S21	0	S16 and (electrogram or IEGM) near central	USPAT	OR	OFF	2005/10/11 15:56
S22	0	S16 and (electrogram or IEGM) near amplitude	USPAT	OR	OFF	2005/10/11 15:57
S23	17	S16 and (electrogram or IEGM)	USPAT	OR	OFF	2005/10/11 15:57
S24	5	S16 and (electrogram or IEGM) and obstructive	USPAT	OR	OFF	2005/10/11 15:57
S25	0	(amplitude or frequency) near modulats\$4 near obstructive	USPAT	OR	OFF	2005/10/11 16:00
S26	0	(electrogram or IEGM) near obstructive	USPAT	OR	OFF	2005/10/11 16:00
S27	1	(electrogram or IEGM) near central	USPAT	OR	OFF	2005/10/11 16:01
S28	0	(electrogram or IEGM) near apnea	USPAT	OR	OFF	2005/10/11 16:01
S29	0	amplitude near obstructive	USPAT	OR	OFF	2005/10/11 16:02
S30	0	modulats\$4 near obstructive	USPAT	OR	OFF	2005/10/11 16:02
S31	7442	obstructive	USPAT	OR	OFF	2005/10/11 16:02
S32	32	(electrogram or IEGM) and obstructive	USPAT	OR	OFF	2005/10/11 16:03
S33	4	(electrogram or IEGM) and obstructive near apnea	USPAT	OR	OFF	2005/10/11 16:03
S35	3	((("6459928") or ("20030153954") or ("6574507"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/21 10:17

## EAST Search History

S37	104	(US-20030153954-\$ or US-20030153955-\$ or US-20030153953-\$ or US-20050055060-\$ or US-20030153956-\$ or US-20040138716-\$).did. or (US-6466821-\$ or US-6937900-\$ or US-6064910-\$ or US-6795732-\$ or US-5792195-\$ or US-5591216-\$ or US-5540733-\$ or US-5824014-\$ or US-5792067-\$ or US-5540732-\$ or US-5423327-\$ or US-5197467-\$ or US-5233983-\$ or US-5174287-\$ or US-6251126-\$ or US-6240316-\$ or US-4830008-\$ or US-4506666-\$ or US-4576183-\$ or US-4694830-\$ or US-4596251-\$ or US-6731984-\$ or US-5836987-\$ or US-6928324-\$ or US-5413592-\$ or US-5549655-\$). did. or (US-5522862-\$ or US-6858006-\$ or US-6811538-\$ or US-6881192-\$ or US-6752765-\$ or US-6126611-\$ or US-6648820-\$ or US-6904320-\$ or US-4721110-\$ or US-4702253-\$ or US-6830548-\$ or US-6038475-\$ or US-5476483-\$ or US-6128534-\$ or US-6345202-\$ or US-6529752-\$ or US-6132384-\$ or US-5974340-\$ or US-5355894-\$ or US-6351672-\$ or US-6741885-\$ or US-5146918-\$ or US-5417717-\$ or US-6269269-\$ or US-5671733-\$ or US-4506678-\$ or US-6936011-\$). did. or (US-6893405-\$ or US-6770037-\$ or US-6752766-\$ or US-6748252-\$ or US-6641542-\$ or US-6375623-\$ or US-6342039-\$ or US-6299581-\$ or US-6290654-\$ or US-6287264-\$ or US-6935335-\$ or US-6223064-\$ or US-6890306-\$ or US-6635021-\$ or US-6547743-\$ or US-6142952-\$ or US-6138675-\$ or US-6062216-\$ or US-5961447-\$ or US-6368287-\$ or US-6267730-\$ or US-5891023-\$ or US-5704345-\$ or US-5605151-\$ or US-5535739-\$ or US-5335654-\$ or US-5490502-\$). did. or (US-5271412-\$ or US-5803066-\$ or US-5797852-\$ or US-5199424-\$ or US-5133346-\$ or US-4982738-\$ or US-4777962-\$ or US-4765340-\$ or US-4422458-\$ or US-4414982-\$ or US-5311875-\$ or US-4657025-\$ or US-4595016-\$ or US-4580575-\$ or US-4576179-\$ or US-4475559-\$ or US-4440177-\$ or US-4365636-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/08/25 09:54
2/13/2007 12:12:24 PM C:\Documents and Settings\malamud\My Documents\EAST\Workspaces\sleepapnea.wsp						
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## EAST Search History

S38	1	("6580944").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/25 09:54
S39	15	("20010018557"   "4846195"   "5398682"   "5769084"   "5891023"   "5944680"   "5974340"   "6091973"   "6126611"   "6223064"   "6342039"   "6368287"   "6589188"   "6641542"   "6731984").PN. OR ("6881192"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/25 10:34
S40	1	("5,385,144").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/25 10:38
S41	87	S37 and (rest\$3 awake asleep sleeping active inactive)	US-PGPUB; USPAT	OR	OFF	2006/08/25 13:00
S42	201	((607/18) or (607/20)).CCLS.	USPAT	OR	OFF	2006/08/25 14:22
S43	254	((607/42) or (607/62)).CCLS.	USPAT; USOCR	OR	OFF	2006/08/25 14:22
S44	361	(600/301).CCLS.	USPAT; USOCR	OR	OFF	2006/08/25 14:22
S45	1034	((600/484) or (600/529) or (600/538)).CCLS.	USPAT	OR	OFF	2006/08/25 14:22
S46	92	(S42 S43 S44 S45) and ((central and obstructive) same apnea) and (rest\$3 sleep\$3 asleep awake active inactive)	US-PGPUB; USPAT	OR	OFF	2006/08/25 15:14
S47	1	("20020124848").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/25 14:25
S48	60	(S42 S43 S44 S45) and ((central and obstructive) same apnea) and (rest\$3 sleep\$3 asleep awake active inactive) and cardiac	US-PGPUB; USPAT	OR	OFF	2006/08/25 15:16
S49	22	(S42 S43 S44 S45) and ((central and obstructive) same apnea) and (rest\$3 sleep\$3 asleep awake active inactive) and cardiac and (ECG EKG electrogram cardioelectrogram IEGM)	US-PGPUB; USPAT	OR	OFF	2006/08/25 15:43



## EAST Search History

S50	98	(US-20020124848-\$).did. or (US-6466821-\$ or US-6937900-\$ or US-6064910-\$ or US-6795732-\$ or US-5792195-\$ or US-5591216-\$ or US-5540733-\$ or US-5824014-\$ or US-5792067-\$ or US-5540732-\$ or US-5423327-\$ or US-5197467-\$ or US-5233983-\$ or US-5174287-\$ or US-6251126-\$ or US-6240316-\$ or US-4830008-\$ or US-4506666-\$ or US-4576183-\$ or US-4694830-\$ or US-4596251-\$ or US-6731984-\$ or US-5836987-\$ or US-5413592-\$ or US-5549655-\$ or US-5522862-\$). did. or (US-6858006-\$ or US-6811538-\$ or US-6881192-\$ or US-6752765-\$ or US-6126611-\$ or US-6648820-\$ or US-4721110-\$ or US-4702253-\$ or US-6830548-\$ or US-6038475-\$ or US-5476483-\$ or US-6128534-\$ or US-6345202-\$ or US-6529752-\$ or US-6132384-\$ or US-5974340-\$ or US-5355894-\$ or US-6351672-\$ or US-5146918-\$ or US-5417717-\$ or US-6269269-\$ or US-5671733-\$ or US-4506678-\$ or US-6936011-\$ or US-6893405-\$ or US-6770037-\$ or US-6752766-\$). did. or (US-6748252-\$ or US-6641542-\$ or US-6375623-\$ or US-6342039-\$ or US-6299581-\$ or US-6290654-\$ or US-6287264-\$ or US-6935335-\$ or US-6223064-\$ or US-6890306-\$ or US-6635021-\$ or US-6547743-\$ or US-6142952-\$ or US-6138675-\$ or US-6062216-\$ or US-5961447-\$ or US-6368287-\$ or US-6267730-\$ or US-5891023-\$ or US-5704345-\$ or US-5605151-\$ or US-5535739-\$ or US-5335654-\$ or US-5490502-\$ or US-5271412-\$ or US-5803066-\$ or US-5797852-\$). did. or (US-5199424-\$ or US-5133346-\$ or US-4982738-\$ or US-4777962-\$ or US-4765340-\$ or US-4422458-\$ or US-4414982-\$ or US-5311875-\$ or US-4657025-\$ or US-4595016-\$ or US-4580575-\$ or US-4576179-\$ or US-4475559-\$ or US-4440177-\$ or US-4365636-\$ or US-6580944-\$ or US-5385144-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/08/25 15:43
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## EAST Search History

S51	8	S50 and ((central and obstructive) same apnea) and (rest\$3 sleep\$3 asleep awake active inactive) and cardiac and (ECG EKG electrogram cardioelectrogram IEGM)	US-PGPUB; USPAT	OR	OFF	2006/08/25 16:04
S52	1	("20020193697").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/25 15:49
S53	12	S50 and (((central and obstructive) same apnea) csa osa "cheyne-stokes respiration" csr) and (rest\$3 sleep\$3 asleep awake active inactive) and cardiac and (ECG EKG electrogram cardioelectrogram IEGM)	US-PGPUB; USPAT	OR	OFF	2006/08/25 16:05
S54	22	S46 and (((central and obstructive) same apnea) csa osa "cheyne-stokes respiration" csr) and (rest\$3 sleep\$3 asleep awake active inactive) and cardiac and (ECG EKG electrogram cardioelectrogram IEGM)	US-PGPUB; USPAT	OR	OFF	2006/08/25 16:06
S55	16	S46 and (((((central and obstructive) same apnea) csa osa "cheyne-stokes respiration" csr) same (diagnos\$3 determin\$3 differentiat\$3 type\$1)) and (rest\$3 sleep\$3 asleep awake active inactive) and cardiac and (ECG EKG electrogram cardioelectrogram IEGM)	US-PGPUB; USPAT	OR	OFF	2006/08/25 16:06
S56	1	("5769084").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/25 16:09

## EAST Search History

S57	99	(US-20020124848-\$ or US-20020193697-\$).did. or (US-6935335-\$ or US-6936011-\$ or US-6893405-\$ or US-6881192-\$ or US-6890306-\$ or US-6811538-\$ or US-6748252-\$ or US-6770037-\$ or US-6635021-\$ or US-5146918-\$ or US-6580944-\$ or US-6529752-\$ or US-6547743-\$ or US-6375623-\$ or US-6368287-\$ or US-6240316-\$ or US-6345202-\$ or US-6342039-\$ or US-6138675-\$ or US-6223064-\$ or US-6142952-\$ or US-6132384-\$ or US-6062216-\$ or US-6126611-\$ or US-5974340-\$ or US-5803066-\$). did. or (US-5891023-\$ or US-5591216-\$ or US-5704345-\$ or US-5540733-\$ or US-5605151-\$ or US-5549655-\$ or US-5540732-\$ or US-5522862-\$ or US-5174287-\$ or US-5385144-\$ or US-5233983-\$ or US-5047930-\$ or US-4830008-\$ or US-5199424-\$ or US-4777962-\$ or US-6937900-\$ or US-6830548-\$ or US-6795732-\$ or US-6752766-\$ or US-6752765-\$ or US-6648820-\$ or US-6466821-\$ or US-6299581-\$ or US-6290654-\$ or US-6287264-\$ or US-6269269-\$ or US-6267730-\$). did. or (US-6251126-\$ or US-6128534-\$ or US-6064910-\$ or US-5961447-\$ or US-5836987-\$ or US-6858006-\$ or US-5490502-\$ or US-5476483-\$ or US-5413592-\$ or US-5355894-\$ or US-6351672-\$ or US-6731984-\$ or US-5311875-\$ or US-5271412-\$ or US-5133346-\$ or US-4982738-\$ or US-4702253-\$ or US-4694830-\$ or US-4596251-\$ or US-4595016-\$ or US-4580575-\$ or US-6038475-\$ or US-5824014-\$ or US-5792067-\$ or US-5797852-\$ or US-5792195-\$ or US-4576179-\$). did. or (US-4506666-\$ or US-4475559-\$ or US-4422458-\$ or US-5671733-\$ or US-5423327-\$ or US-5535739-\$ or US-5417717-\$ or US-4414982-\$ or US-4365636-\$ or US-5335654-\$ or US-4765340-\$ or US-5197467-\$ or US-4721110-\$ or US-4657025-\$ or US-4576183-\$ or US-4506678-\$ or US-4440177-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/08/28 10:07
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